

FIG. 1

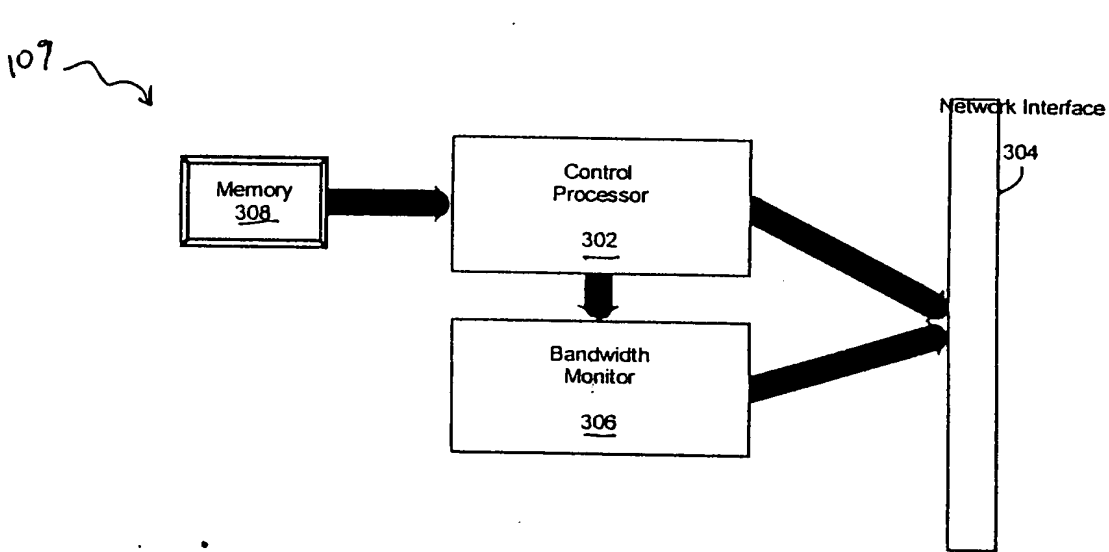


FIG. 3

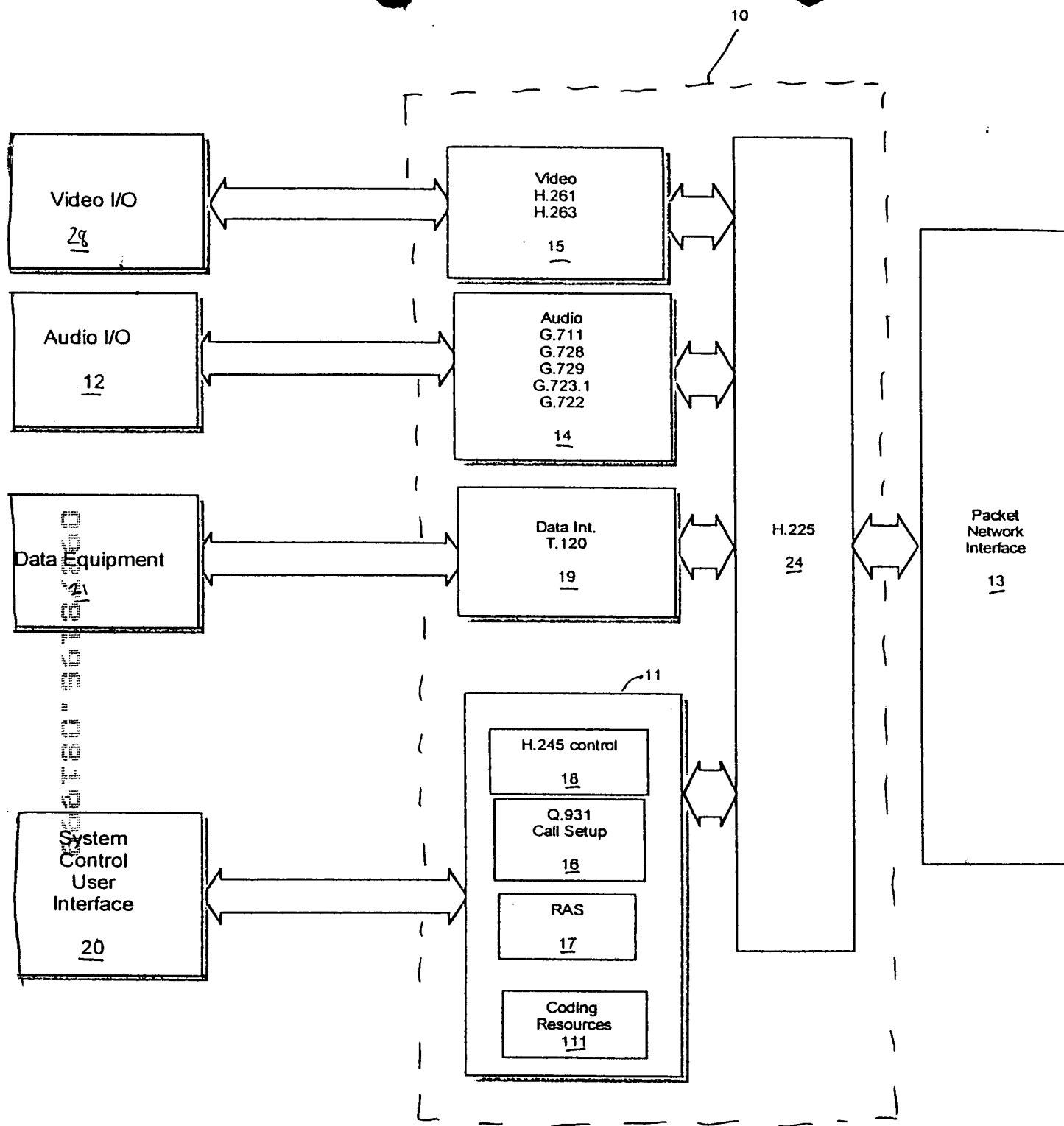


FIG. 2

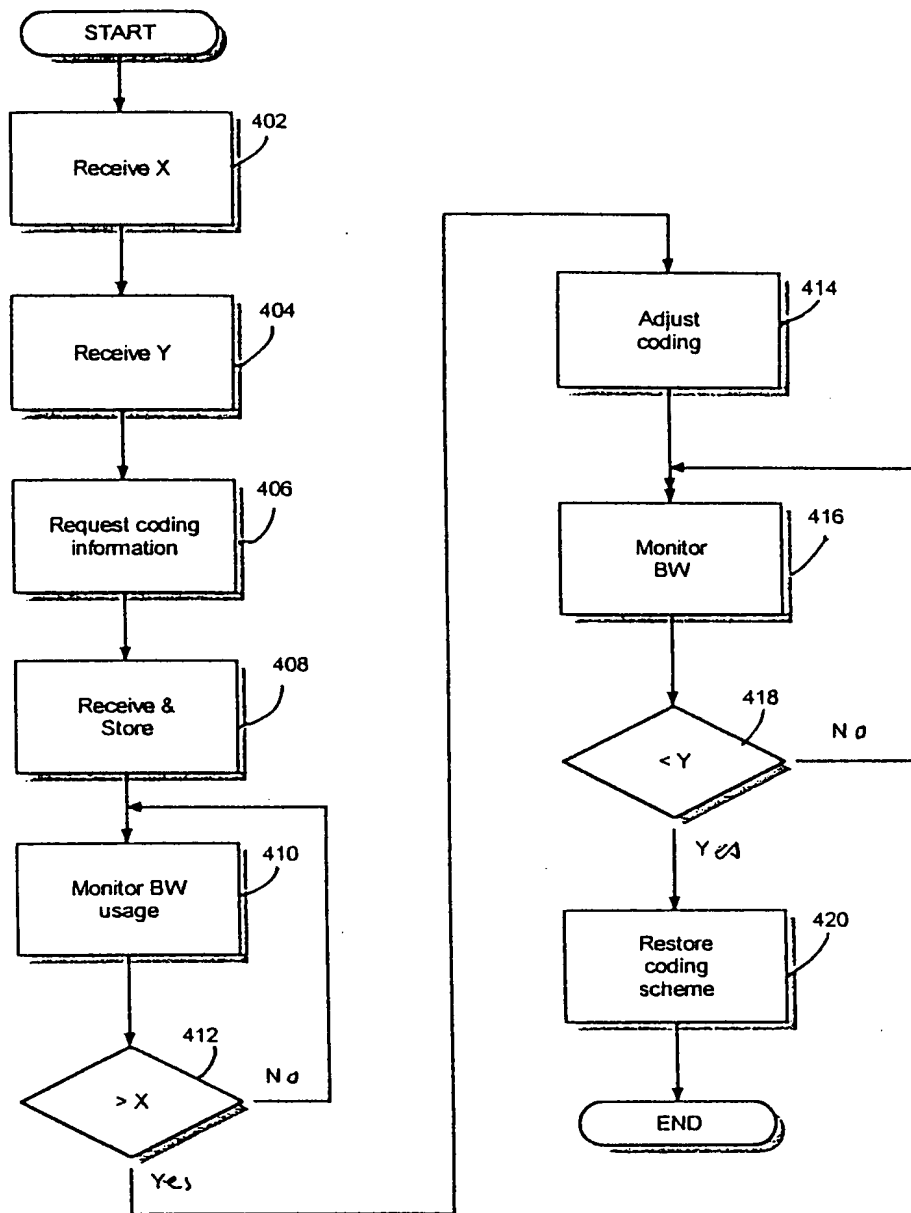


FIG. 4

660432 3673260

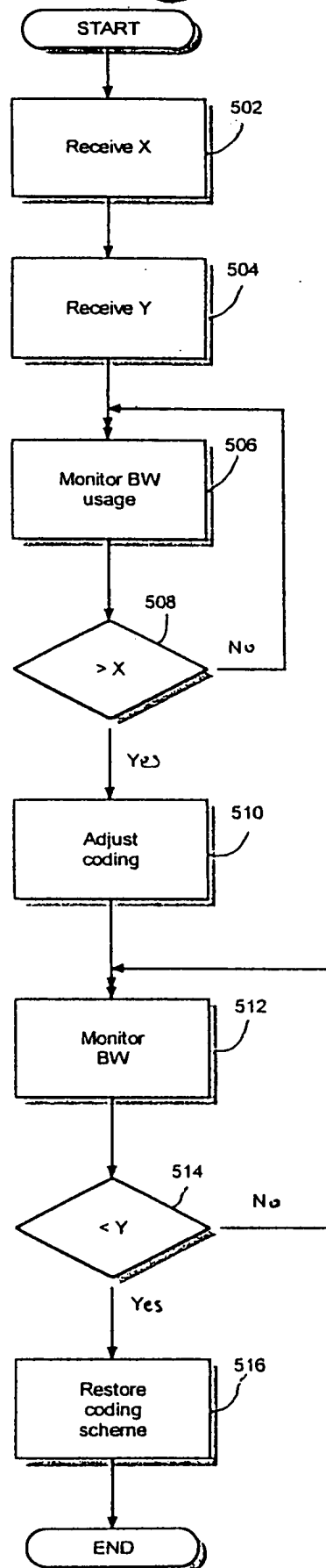


FIG. 5

666780" 36F3666

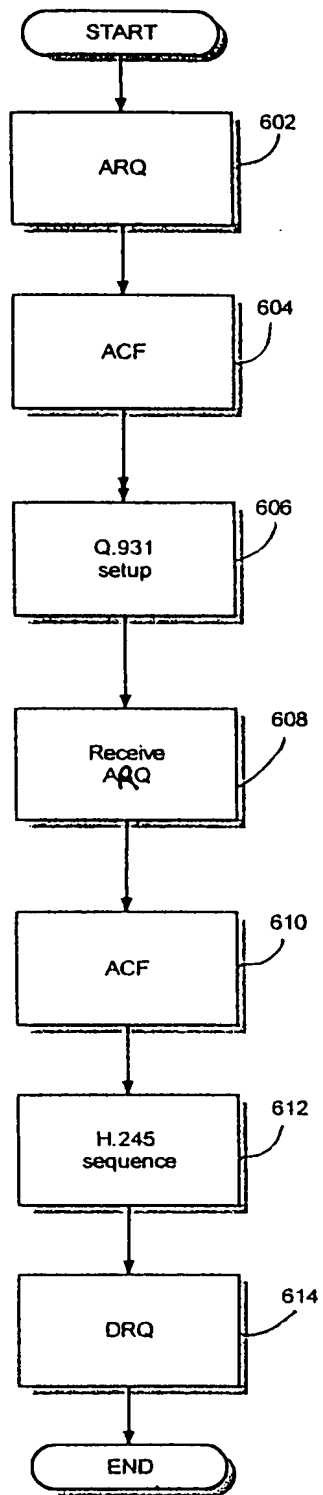


FIG. 6

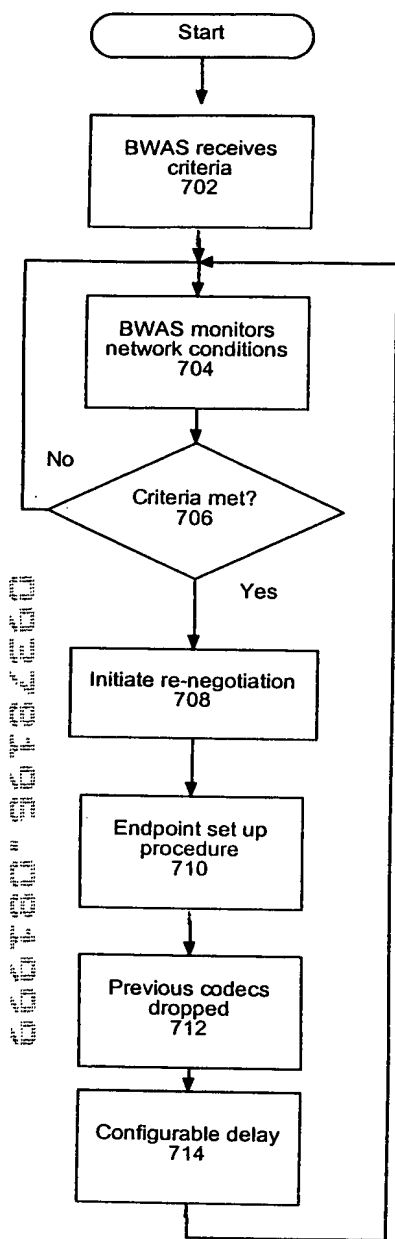


FIG. 7

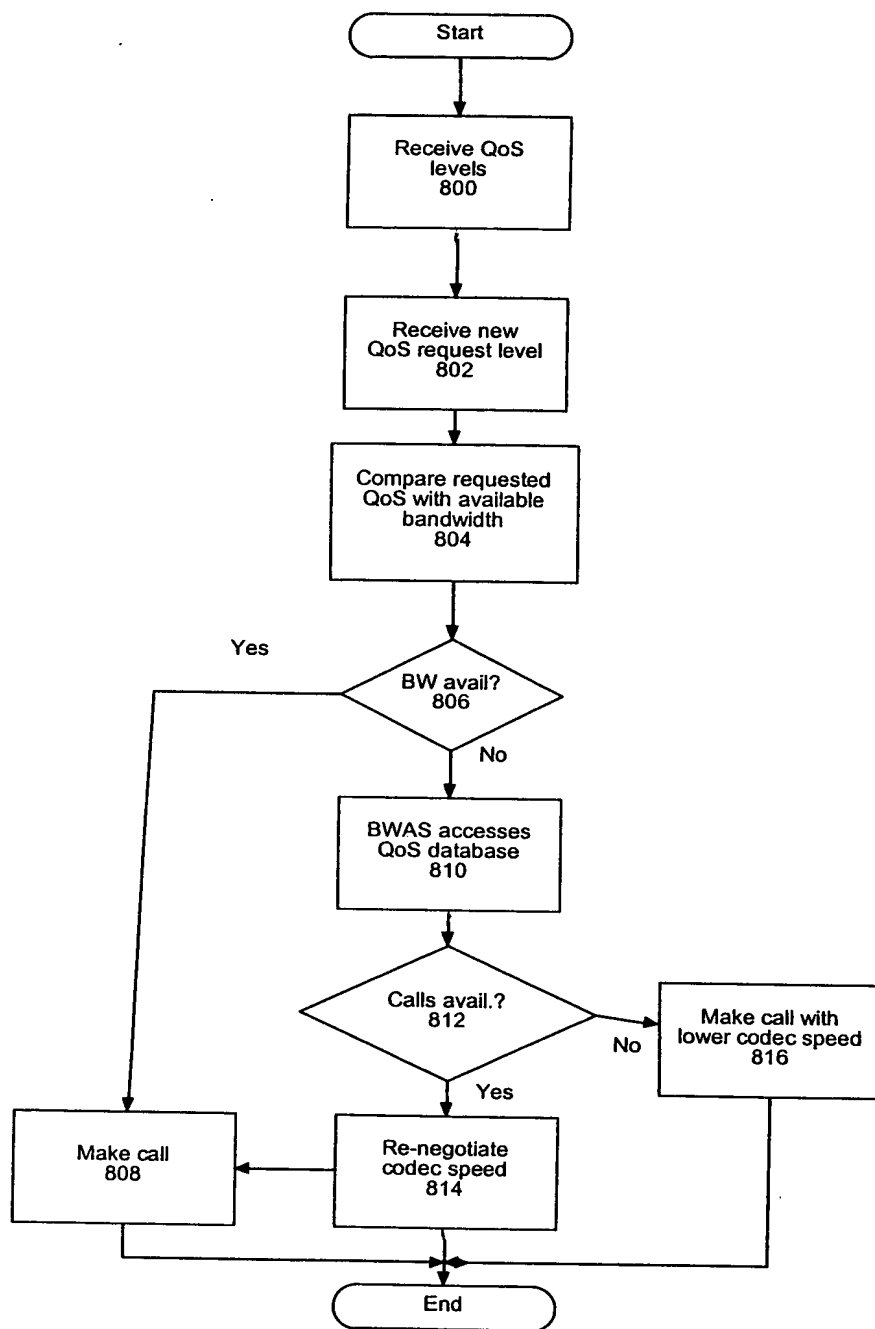


FIG. 8

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graph TD
    Start([Start]) --> 902[Client 1 ARQ to GK 902]
    902 --> 904[GK ACF to Client 1 904]
    904 --> 906[Client 1: H.225.0 set up to GK 906]
    906 --> 908[GK relays H.225 setup to Client 2 908]
    908 --> 910[Client 2 ARQ/ACF with GK 910]
    910 --> 912[Client 2 Alerting & Connect to GK 912]
    912 --> 914[GK relays Alerting & Connect to Client 1 914]
    914 --> 915[H.245 control channel 915]
    915 --> 916[H.245 capability exchange 916]
    916 --> 917[Open media channel 917]
    917 --> 918[BWAS receives QoS information 918]
    918 --> 920[BWAS monitors network condition 920]
    920 --> 922{Criteria met? 922}
    922 -- No --> 923[Make call 923]
    923 --> 933[Make call 933]
    922 -- Yes --> 924[Issue ChangeCodecSpeed 924]
    924 --> 926[Client 1 lowers codec and sends LowerCodecSpeed to GK 926]
    926 --> 928[GK forwards LowerCodecSpeed to Client 2 928]
    928 --> 930[Re-negotiate codecs 930]
    930 --> 932[Drop old codec 932]
    932 --> 933
    933 --> End([End])
  
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The flowchart illustrates the H.245 control channel setup and adaptation process. It begins with a 'Start' terminal, followed by a sequence of steps: Client 1 sends an ARQ to GK (902), GK sends an ACF to Client 1 (904), Client 1 sets up H.225.0 to GK (906), GK relays the H.225 setup to Client 2 (908), Client 2 sends an ARQ/ACF to GK (910), Client 2 sends an Alerting and Connect message to GK (912), GK relays the Alerting and Connect message to Client 1 (914), the H.245 control channel is established (915), H.245 capability exchange occurs (916), and the media channel is opened (917). The process then moves to a decision point (922) where BWAS monitors network conditions. If criteria are not met, it proceeds to 'Make call' (923). If criteria are met, it issues a 'ChangeCodecSpeed' (924), Client 1 sends a 'LowerCodecSpeed' to GK (926), GK forwards this to Client 2 (928), codecs are re-negotiated (930), and the old codec is dropped (932). Both paths lead to 'Make call' (933), which then ends at the 'End' terminal.

FIG. 9

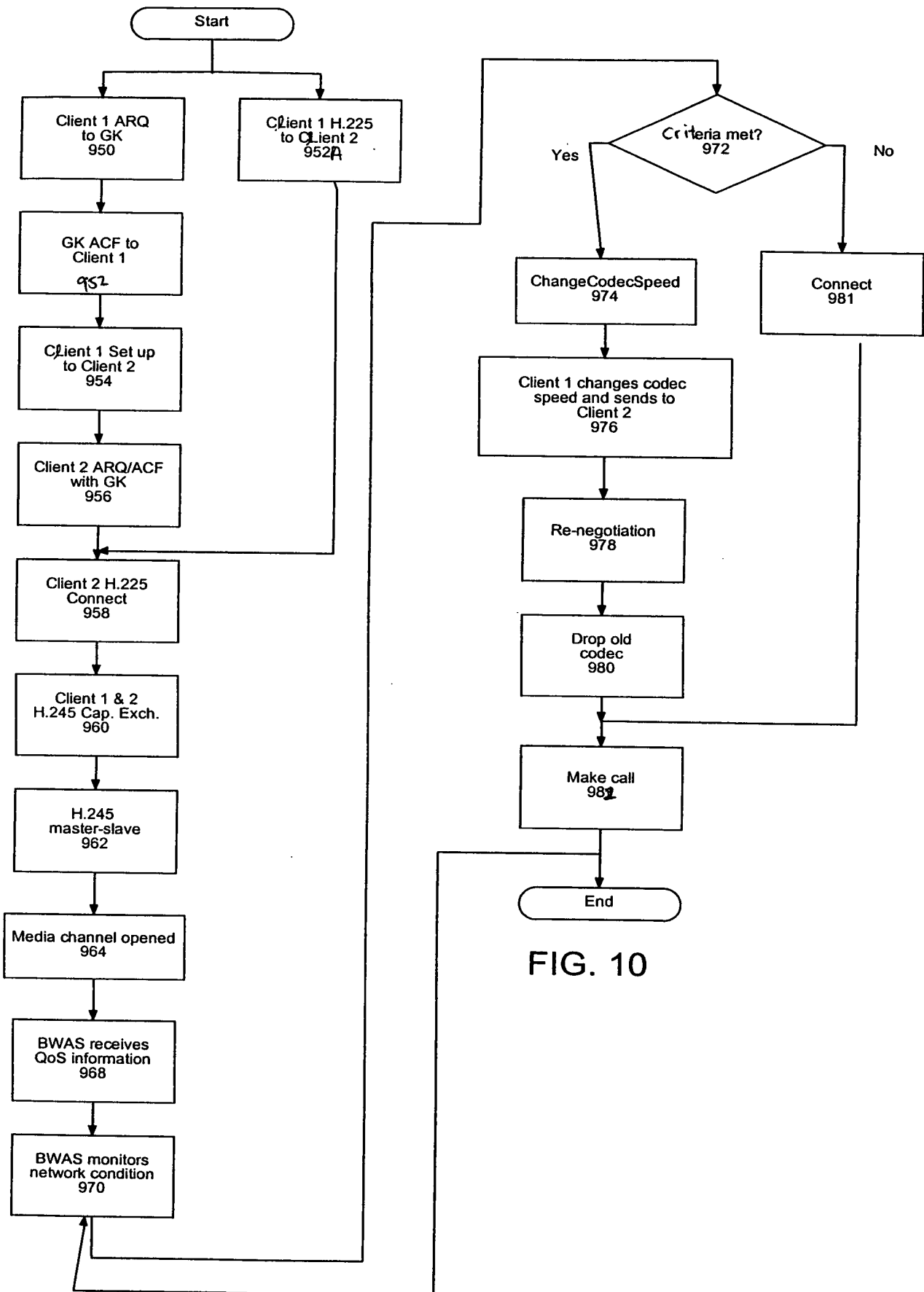


FIG. 10